

## Refine Search

### Search Results -

Terms	Documents
L3 & L2	9

Database:

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

Search:

L4

Refine Search

Recall Text

Clear

Interrupt

### Search History

DATE: Tuesday, April 27, 2004   [Printable Copy](#)   [Create Case](#)

<u>Set</u> <u>Name</u> <u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=OR</i>		
<u>L4</u> L3 & L2	9	<u>L4</u>
<u>L3</u> imag\$3 WITH lens\$2 WITH diaphragm\$1 WITH object ADJ8 image SAME positive NEAR10 image SAME meniscus NEAR10 negative NEAR10 concave SAME focal	11	<u>L3</u>
<u>L2</u> imag\$3 WITH lens\$2 WITH diaphragm\$1 WITH positive WITH negative ADJ10 concave	132	<u>L2</u>
<u>L1</u> imag\$3 WITH lens\$2 WITH diaphragm\$1 WITH positive WITH negative ADJ 10 concave	368747	<u>L1</u>

END OF SEARCH HISTORY

## Hit List

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
Generate OACS				

Search Results - Record(s) 1 through 9 of 9 returned.

☐ 1. Document ID: US 5285319 A

Using default format because multiple data bases are involved.

L4: Entry 1 of 9

File: USPT

Feb 8, 1994

US-PAT-NO: 5285319

DOCUMENT-IDENTIFIER: US 5285319 A

TITLE: Scanner lens for reading

DATE-ISSUED: February 8, 1994

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kanoshima; Yuichiro	Yokohama			JP

US-CL-CURRENT: 359/740; 359/760, 359/775

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KWIC	Draw. De
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☐ 2. Document ID: US 4560242 A

L4: Entry 2 of 9

File: USPT

Dec 24, 1985

US-PAT-NO: 4560242

DOCUMENT-IDENTIFIER: US 4560242 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Variable magnification optical system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Claims	KWIC	Draw. De
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☐ 3. Document ID: US 4408841 A

L4: Entry 3 of 9

File: USPT

Oct 11, 1983

US-PAT-NO: 4408841

DOCUMENT-IDENTIFIER: US 4408841 A

TITLE: Variable power lens system for copying

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw. De
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☐ 4. Document ID: US 4359269 A

L4: Entry 4 of 9

File: USPT

Nov 16, 1982

US-PAT-NO: 4359269

DOCUMENT-IDENTIFIER: US 4359269 A

TITLE: Variable power copying lens system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw. De
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☐ 5. Document ID: US 4333711 A

L4: Entry 5 of 9

File: USPT

Jun 8, 1982

US-PAT-NO: 4333711

DOCUMENT-IDENTIFIER: US 4333711 A

TITLE: Zoom lens for copying

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw. De
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☐ 6. Document ID: US 4009943 A

L4: Entry 6 of 9

File: USPT

Mar 1, 1977

US-PAT-NO: 4009943

DOCUMENT-IDENTIFIER: US 4009943 A

TITLE: Fish eye lens system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw. De
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☐ 7. Document ID: JP 58001116 A

L4: Entry 7 of 9

File: JPAB

Jan 6, 1983

PUB-NO: JP358001116A

DOCUMENT-IDENTIFIER: JP 58001116 A

TITLE: MODIFIED GAUSSIAN TYPE LENS

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw. De
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☐ 8. Document ID: GB 2086076 A, DE 3141246 A, DE 3141246 C, GB 2086076 B, US 4408841 A

L4: Entry 8 of 9

File: DWPI

May 6, 1982

DERWENT-ACC-NO: 1982-F1417E

DERWENT-WEEK: 198218

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TITLE: Variable power zoom lens system - has one positive and one negative lens group with variable distance between them

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw D
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☐ 9. Document ID: US 2826116 A

L4: Entry 9 of 9

File: USOC

Mar 11, 1958

US-PAT-NO: 2826116

DOCUMENT-IDENTIFIER: US 2826116 A

TITLE: Photographic objective consisting of five lens elements

DATE-ISSUED: March 11, 1958

INVENTOR-NAME: JIRO MUKAI

US-CL-CURRENT: 359/768

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw D
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